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## LEPROSY AND PELLAGRA IN RHODE ISLAND.

Dr. Gardner T. Swarts, secretary State Board of Health, Rhode Island, reported June 15:

*Leprosy.*—A case of leprosy was discovered in this State May 1 in the person of a boy aged 15 in attendance upon public school. He was born in Louisiana where he lived for four years and resided one year in North Carolina and the rest of his life in Pawtucket, R. I. The symptoms of the disease probably date back 5 years. The case was discovered in the out-patient department of the Massachusetts General Hospital, and the boy was immediately transferred to his home in Pawtucket. The type of the disease is nodular and tubercular, affecting the face including the nose and lips, and is quite typical in appearance. There is some numbness of the face and the leonine expression is present. *Lepra bacilli* are present in large quantities in the secretions from the nose. The hands are slightly thickened. The patient has been kept isolated in his own family.

*Pellagra.*—Eight cases of pellagra are present in the insane hospital at the State institution at Cranston. Three patients died of the disease during the latter part of the year 1910. Another case was noted two weeks ago.

## PLAGUE-PREVENTION WORK.

### DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California, on San Francisco Bay, 325 acres of land in Alameda County were covered with poison during the week ended June 3, 1911.

#### Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.	May 24, 1911.....	103 squirrels. 1 wood rat.
Contra Costa.....	July 21, 1908.....	None.....	Apr. 3, 1911.....	248 squirrels.
Merced.....	None.....	do.....	Mar. 20, 1911.....	3 squirrels.
Monterey.....	do.....	do.....	June 6, 1910.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	20 squirrels.
San Joaquin.....	None.....	do.....	May 17, 1911.....	15 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	Apr. 10, 1911.....	11 squirrels.
Washington:				
Cities—				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

**Rats Collected and Examined for Plague Infection.**

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	June 3		<sup>1</sup> 105	77	.....
Oakland.....	do.	19	<sup>2</sup> 606	492	.....
San Francisco.....	do.	21	<sup>3</sup> 1,344	952	.....
Counties—					
Contra Costa.....	do.	1	<sup>4</sup> 1	1	.....
Washington:					
Cities—					
Seattle.....	do.		881	751	.....
Total.....		41	2,937	2,273	.....

<sup>1</sup> Identified, *Mus norvegicus* 85, *Mus musculus* 20.<sup>2</sup> Identified, *Mus norvegicus* 557, *Mus musculus* 48, *Mus alexandrinus* 1.<sup>3</sup> Identified, *Mus norvegicus* 769, *Mus musculus* 299, *Mus rattus* 164, *Mus alexandrinus* 112.<sup>4</sup> Identified, *Mus norvegicus* 1.**Squirrels Collected and Examined for Plague Infection.**

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Cities—					
San Francisco.....	June 3	4			.....
Counties—					
Alameda.....	do.	153	9	160	.....
Amador.....	do.	9		9	.....
Calaveras.....	do.	87		87	.....
Colusa.....	do.	149		149	.....
Contra Costa.....	do.	237		237	.....
El Dorado.....	do.	48		48	.....
Fresno.....	do.	118		118	.....
Glenn.....	do.	52		52	.....
Lake.....	do.	144		140	.....
Los Angeles.....	do.	229		221	.....
Madera.....	do.	176		176	.....
Mariposa.....	do.	30		30	.....
Mendocino.....	do.	132	4	136	.....
Merced.....	do.	400		400	.....
Monterey.....	do.	1,426		1,410	.....
Nevada.....	do.	56	4	60	.....
Plumas.....	do.	5		5	.....
Riverside.....	do.	445		445	.....
San Benito.....	do.	129	11	140	.....
San Joaquin.....	do.	291		291	.....
San Luis Obispo.....	do.	405	2	407	.....
San Mateo.....	do.	159		159	.....
Santa Clara.....	do.	100	1	101	.....
Siskiyou.....	do.	87		87	.....
Sonoma.....	do.	54		54	.....
Stanislaus.....	do.	461	1	462	.....
Sutter.....	do.	23		23	.....
Tehama.....	do.	16		16	.....
Tuolumne.....	do.	19		19	.....
Yolo.....	do.	153		153	.....
Total.....		5,793	32	5,795	.....

## Other Animals Collected and Examined.

Places.	Week ended.	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	June 3	1 gopher.....		
Counties—				
El Dorado.....	do.	1 rabbit.....	1	
Fresno.....	do.	2 rabbits.....	2	
Madera.....	do.	5 rabbits.....	5	
Merced.....	do.	do.....	5	
Monterey.....	do.	3 weasels.....	3	
Plumas.....	do.	8 chipmunks, 9 prairie dogs.	8	
San Mateo.....	do.	1 gopher.....	1	
San Joaquin.....	do.	7 rabbits.....	7	
Stanislaus.....	do.	do.....	7	
San Benito.....	do.	1 rabbit.....	1	
San Luis Obispo.....	do.	4 rabbits, 1 gopher, 1 wood rat, 1 bat, 10 field mice.	6	
Sonoma.....	do.	20 rabbits.....	20	
Sutter.....	do.	1 rabbit.....	1	
Tehama.....	do.	do.....	1	
Yolo.....	do.	3 rabbits.....	3	
Total.....			71	

## SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

## Reports Received During Week Ended June 23, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Mobile quarantine station..	Apr. 23-May 22.....			Two cases from Mobile, removed from vessels. One case from s. s. Georgia Gilkey, from Mobile.
	May 20.....			
Florida:				
Counties—				
De Soto.....	May 28-June 3.....	1		
Duval.....	do.....	5		
Escambia.....	do.....	3		
Gadsden.....	do.....	36		
Hillsboro.....	do.....	2		
Lake.....	do.....	2		
Leon.....	do.....	9		
Polk.....	do.....	1		
Putnam.....	do.....	3		
Santa Rosa.....	do.....	1		
Walton.....	do.....	4		
Total for State.....		67		
Louisiana:				
New Orleans.....	June 4-10.....	3		
*Nebraska:				
Omaha.....	May 28-June 10.....	3		
South Omaha.....	May 21-June 10.....	3		
Total for State.....		6		
New Jersey:				
Counties—				
Salem.....	May 1-31.....	3		